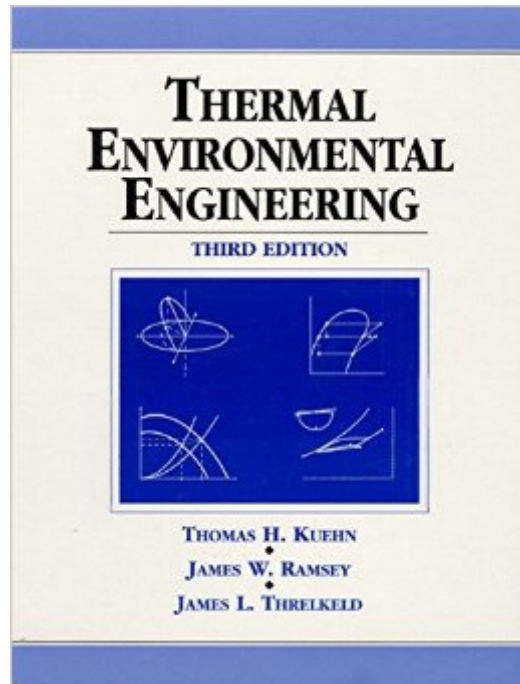


The book was found

# Thermal Environmental Engineering (3rd Edition)



## Synopsis

The latest edition of the classic book grounded in the fundamentals. It introduces heating, ventilation, and air conditioning starting with basic principles of engineering leading to the latest HVAC design practice. Its engineering approach emphasizes fundamentals and realistic applications. Acknowledging numerous approaches to all engineering problems, the book presents alternate approaches and describes why some approaches work best in specific applications and what compromises are made using each of them. Provides carefully worked examples with step-by-step solutions listing assumptions, reference equations, and supporting material. Incorporates a careful use of easy-to-follow units and conversion factors providing basic mass and energy balances. The third edition of Thermal Environmental Engineering has been updated to reflect current approaches as well as new chapters on energy estimation, air handling system design, and piping system design. Discusses new replacement refrigerants as well as environmental issues. Presents single and multiple zone psychrometric systems; moisture transport in building structures; and the latest topics on indoor air quality and human comfort. An essential reference book for professional mechanical engineers.

## Book Information

Paperback: 740 pages

Publisher: Pearson; 3 edition (February 7, 1998)

Language: English

ISBN-10: 0139172203

ISBN-13: 978-0139172205

Product Dimensions: 7.8 x 1.6 x 9.9 inches

Shipping Weight: 3.2 pounds (View shipping rates and policies)

Average Customer Review: 3.5 out of 5 stars [See all reviews](#) (8 customer reviews)

Best Sellers Rank: #710,025 in Books (See Top 100 in Books) #195 in [Books > Crafts, Hobbies & Home > Home Improvement & Design > How-to & Home Improvements > Heating, Ventilation & Air Conditioning](#) #311 in [Books > Textbooks > Engineering > Environmental Engineering](#) #1047 in [Books > Textbooks > Engineering > Mechanical Engineering](#)

## Customer Reviews

Loved the hard cover. Classmates had purchased the soft cover book mostly and they were falling apart by the end of the semester. The books that is. But yes also the students.

For a practicing HVAC and refrigeration engineer, this is the best book I have seen that can be used as a reference. It covers almost the every conceivable topic. This is book also is a good starting point for practical design using standard industry practice.

The index is put in between the appendices of various tables and charts, if that tells you anything. To complete many problems you have to reference other textbooks and tables. It's a waste of space.

Almost a new book and delivered before time,thanks.

[Download to continue reading...](#)

Thermal Environmental Engineering (3rd Edition) CRC Handbook of Thermal Engineering  
(Mechanical and Aerospace Engineering Series) Environmental Engineering and Sanitation  
(Environmental Science and Technology: A Wiley-Interscience Series of Texts and Monographs)  
PE Mechanical Engineering: Thermal and Fluids Practice Exam Introduction to Thermal and Fluids  
Engineering Air Pollution Engineering Manual (Environmental Engineering) Matrix Analysis of  
Structural Dynamics: Applications and Earthquake Engineering (Civil and Environmental  
Engineering) Beyond Resource Wars: Scarcity, Environmental Degradation, and International  
Cooperation (Global Environmental Accord: Strategies for Sustainability and Institutional Innovation)  
The Nature of Gold: An Environmental History of the Klondike Gold Rush (Weyerhaeuser  
Environmental Books) Environmental Laws: Summaries of Major Statutes Administered by the  
Environmental Protection Agency The Sustainability Handbook: The Complete Management Guide  
To Achieving Social, Economic and Environmental Responsibility (Environmental Law Institute)  
Environmental Toxicology and Chemistry (Topics in Environmental Chemistry) Environmental  
Health: From Global to Local (Public Health/Environmental Health) Environmental Health: New  
Directions (Advances in Modern Environmental Toxicology) The Republic of Nature: An  
Environmental History of the United States (Weyerhaeuser Environmental Books) Toward  
Sustainable Communities: Transition and Transformations in Environmental Policy (American and  
Comparative Environmental Policy) Hydrology and Global Environmental Change (Understanding  
Global Environmental Change) Impounded Rivers: Perspectives for Ecological Management  
(Environmental Monographs and Symposia: A Series in Environmental Sciences) Modern Ceramic  
Engineering: Properties, Processing, and Use in Design, 3rd Edition (Materials Engineering) Design  
of Fluid Thermal Systems, SI Edition

[Dmca](#)